A.D. 1874, 13th August. N° 2799.

SPECIFICATION

OF

EDWARD THEODORE DIGBY,
CHRISTOPHER GANDY,
WILLIAM FOYL THE YOUNGER, AND
EDWARD BARRY ALLINSON JAMES.

FOR PREPARATION OF BEEF EXTRACT.

LONDON:
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1875.

A.D. 1874, 13*th* *August*. N° 2799.

Tonic Preparation of Beef Extract.

LETTERS PATENT to Edward Theodore Digby, and Christopher Gandy, and William Foyl, the younger, and Edward Barry Allinson James, constituting the Firm of Digby, Gandy, and Company, of Liverpool, in the County of Lancaster, for the Invention of "An Improved Tonic Preparation of Liquid Extract of Beef or Meat."—Partly a communication from abroad by Joseph James Livesey, of Montreal, in the Dominion of Canada.

Sealed the 23rd October 1874, and dated the 13th August 1874.

PROVISIONAL SPECIFICATION left by the said Edward Theodore Digby, Christopher Gandy, William Foyl, and Edward Barry Allinson James at the Office of the Commissioners of Patents, with their Petition, on the 13th August 1874.

5 We, Edward Theodore Digby, and Christopher Gandy, and William Foyl, the younger, and Edward Barry Allinson James, constituting the Firm of Digby, Gandy, and Company, of Liverpool, in the County of Lancaster, do hereby declare the nature of the said

Digby, Gandy, Foyl, & James' Tonic Preparation of Beef Extract.

Invention for "AN IMPROVED TONIC PREPARATION OF LIQUID EXTRACT OF BEEF OR MEAT," (a communication), to be as follows:—

This Invention relates to a combination of certain ingredients with liquid extract of beef, resulting in a compound to be used as a tonic and nutritious cordial, and of great benefit in certain cases such as consumption, and all species of debility.

The ingredients of the improved tonic preparation of liquid extract of beef or meat are wine or other alcoholic liquor, glycerine, and extract of beef or meat (which may be prepared in manner similar to the Liebig system), syrup, quinine, or tincture of Peruvian bark, flavouring consisting of nutmeg, cloves, cinnamon, or other suitable spices.

In concocting a tonic preparation according to this Invention, the following proportions of the before-mentioned ingredients are found to give a satisfactory result, and constitute the preparation made according to this Invention:—Two pounds of solid beef extract dissolved in one half gallon of wine or other suitable alcoholic liquor, to which is added five pounds glycerine and two pints of tincture of Peruvian bark, made of one half pound ground bark to three pints of alcohol, or quinine may be used, two gallons of syrup and a pint of flavouring composed of one ounce ground nutmegs, one ounce ground cloves, and one ounce ground cinnamon with alcohol, the whole mixed with about thirty gallons of wine or other suitable alcoholic liquor. The whole constitutes a preparation of invaluable properties for sustaining life, the extract of meat being nutritious, and the tonic and other ingredients being invigorating and making the preparation palatable.

A dose for adults is two tablespoons full every six hours.

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed by the said Edward Theodore Digby, Christopher Gandy, William Foyl, and Edward Barry Allinson James in the Great Seal Patent Office on the 12th February 1875.

TO ALL TO WHOM THESE PRESENTS SHALL COME, we, EDWARD THEODORE DIGBY, and CHRISTOPHER GANDY, and WILLIAM FOYL, the younger, and EDWARD BARRY ALLINSON JAMES, constituting the Firm

of Digby, Gandy, and Company, of Liverpool, in the County of Lancaster, send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Thirteenth day of August, in the year of our Lord One thousand eight hundred and seventy-four, in the thirty-eighth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto us, the said Edward Theodore Digby, and Christopher Gandy, and William Foyl, the younger, and Edward Barry Allinson James, Her special licence that we, the said Edward Theodore Digby, and Christopher Gandy, and William Foyl, the younger, and Edward Barry Allinson James, our executors, administrators, and assigns, or such others as we, the said Edward Theodore Digby and Christopher Gandy, and William Foyl, the younger, and Edward Barry Allinson James, our executors administrators, and assigns, should at any time agree with, and no others, from time to time and at all times thereafter during the term therein expressed, should and lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands, and Isle of Man, an Invention for "An Improved Tonic Preparation of Liquid Extract of Beef or Meat,"-partly our own Invention and partly the result of a communication to us from abroad by Joseph James Levesey, of Montreal, in the Dominion of Canada, upon the condition (amongst others) that we, the said Edward Theodore Digby, and Christopher Gandy, and William Foyl, the younger, and Edward Barry Allinson James, our executors or administrators, by an instrument in writing under our, or their, or one of their hands and seals, should particularly describe and ascertain the nature of the said Invention, and in what manner the same was to be performed, and cause the same to be filed in the Great Seal Patent Office within six calendar months next and immediately after the date of the said Letters Patent.

NOW KNOW YE, that we, the said Edward Theodore Digby, and Christopher Gandy, and William Foyl, the younger, and Edward Barry Allinson James, do hereby declare the nature of the said Invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This Invention relates to a combination of certain ingredients with liquid extract of beef resulting in a compound to be used as a tonic and

nutritious cordial, and of great benefit in certain cases such as consumption and all species of debility.

The ingredients of the improved tonic preparation of liquid extract of beef or meat are wine, or other alcoholic liquor, glycerine and extract of beef or meat (which may be prepared in manner similar to the Liebig system), syrup, quinine, or tincture of Peruvian Bark, flavouring consisting of nutmeg, cloves, cinnamon, or other suitable spices.

In concocting a tonic preparation according to this Invention, the following proportions of the before-mentioned ingredients are found to give a satisfactory result, and constitute the preparation made according to this Invention. Two pounds of solid beef extract dissolved in one half gallon of wine or other suitable alcoholic liquor, to which is added five pounds of glycerine, and two pints of tincture of Peruvian bark, made of one half pound ground bark to three pints of alcohol, or quinine may be used. Two gallons of syrup, and one pint of flavouring composed of one ounce ground nutmegs, one ounce ground cloves, and one ounce ground cinnamon with alcohol. The whole mixed with about thirty gallons of wine or other suitable alcoholic liquor. The whole constitutes a preparation of invaluable properties for sustaining life; the extract of meat being nutritious and the tonic and other ingredients being invigorating and making the preparation palateable.

Where it is advisable to use a larger proportion of extract of beef the following are the proportions :—

Thirty gallons of port wine.

Four pounds Liebig extract of beef (equal to one hundred and eighty pounds butchers meat).

One gallon best syrup.

Five pounds glycerine.

Four pounds liquid extract of Peruvian bark (B.P.)

One and a half pints tincture of Peruvian bark.

One pint spice flavouring (composed of nutmegs, cloves, and cinnamon).

A dose for adults is two tablespoons full every six hours.

Having now fully described this Invention what we claim as secured to us by Letters Patent as aforesaid is, the tonic preparation of liquid

extract of beef or meat as described and ascertained in the before-going Specification.

In witness whereof, we, the said Edward Theodore Digby, and Christopher Gandy, and Edward Barry Allinson James, on behalf of ourselves and the said William Foyl, the younger, have hereunto set our hands and seals, this Eighth day of February, in the year of our Lord 1875.

EDWARD THEODORE DIGBY. (L.S.)
CHRISTOPHER GANDY. (L.S.)
EDWARD BARRY ALLINSON JAMES. (L.S.)

LONDON:
Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1875.